

# Truck and Bus Regulation For Hay Squeezes and Hay Trucks

Last Updated: December 10, 2014



This summary describes compliance options available for owners of diesel powered, on-road hay squeezes and flatbed hay trucks. This document reflects amendments to the Truck and Bus regulation (regulation) that were approved at the April 25, 2014 Board meeting.

## What requirements apply to hay squeeze vehicles and hay trucks?

On-road hay squeezes and hay trucks are subject to the Truck and Bus regulation and must comply with the regulation like any other on-road diesel vehicles. Hay squeezes and farmer owned hay trucks may also be able to use the agricultural vehicle extension if operating below annual mileage limits.

## Can hay squeezes and hay trucks use the agricultural vehicle extension?

The agricultural vehicle extension is limited to farmer owned vehicles, certain specialized in-field trucks, and trucks used exclusively to haul unprocessed commodities to the first point of processing. All hay squeeze vehicles meet the in-field agricultural vehicle definition and therefore, may be eligible for the agricultural vehicle mileage extension. Flatbed hay delivery trucks do not meet the agricultural vehicle definition unless they are owned by a farming business and are used to support the farm or ranch.

## What mileage thresholds apply to eligible agricultural vehicles?

Starting in 2011, all eligible agricultural vehicles must stay below the annual mileage limits to remain eligible for the extension. Owners must update their odometer reading for January 1 each year and when a vehicle is removed from the fleet. To remain eligible, vehicles must stay below the mileage limits shown in the table below. The extension expires immediately when a vehicle exceeds the mileage limits in any year or if it is used for non-agricultural purposes.

Engine Year	Annual Mileage Limits		
	2011 to 2016	2017 to 2019	2020 to 2022
2006 or newer	25,000 miles	15,000 miles	10,000 miles
1996 to 2005	20,000 miles	15,000 miles	10,000 miles
1995 and older	15,000 miles	15,000 miles	10,000 miles

## Can I still report to take advantage of the agricultural vehicle extension?

Yes, if you did not report previously, but you can show that your vehicles met the mileage and eligibility requirements of the agricultural vehicle extension since January 1, 2011, you may still opt-in before January 31, 2015. You will need to report information about all of the heavier vehicles in your California fleet as it existed on January 1, 2011 including annual odometer readings to show the mileage limits were met each year. The number of agricultural vehicle extensions in 2011 cannot be higher than the number of trucks in the fleet on January 1, 2009, and cannot increase in subsequent years. You may need to report information about vehicles that are no longer part of the fleet to establish the 2009 baseline. You may report your fleet information at: [https://ssl.arb.ca.gov/ssltrucr/stb/trucrs\\_reporting/reporting.php](https://ssl.arb.ca.gov/ssltrucr/stb/trucrs_reporting/reporting.php). Detailed information on the agricultural vehicle extension is available at: <http://www.arb.ca.gov/msprog/onrdiesel/documents/fsag.pdf>.

## If I cannot use the agricultural vehicle extension, what must I do?

Heavier trucks and buses with a gross vehicle weight rating (GVWR) greater than 26,000 pounds must comply with a schedule by engine model year. Fleets that comply with the schedule must install the best available PM filter on 1996 model year and newer engine and replace the vehicle 8 years later. Trucks with 1995 model year and older engines must be replaced starting January 1, 2015. Lighter trucks and buses with a GVWR of 14,001 to 26,000 pounds must be replaced beginning January 1, 2015. By 2023, all trucks and buses must have 2010 model year engines with few exceptions (e.g. particulate matter (PM) filtered NOx Exempt Area trucks). A summary of the Truck and Bus regulation general requirements is at: <http://www.arb.ca.gov/msprog/onrdiesel/documents/FSRegSum.pdf>.

## What is the GVWR of a hay squeeze?

All on-road hay squeezes manufactured by Oregon Road Runner and Higginbotham have a GVWR over 26,000 lbs. GVWR is the maximum loaded weight of the vehicle. It is unlikely that a hay squeeze manufactured by other companies could have a GVWR less than 26,000 lbs.

*While this document is intended to assist fleets with their compliance efforts, it is the sole responsibility of fleets to ensure compliance with the Truck and Bus Regulation.*

**Are there any flexibility options I can use?**

Yes, there are a number of compliance extensions for individual trucks within a fleet that can extend the compliance date for vehicles that are operated in certain areas with cleaner air (i.e. NOx Exempt Areas), low use vehicles (less than 5000 total miles per year or less than 1000 miles in California per year) and for vehicles that were retrofitted with PM filters before January 1, 2014. Vehicle owners must meet the eligibility criteria and report by certain deadlines to use these flexibility options. Other fleet wide compliance options began in 2012 and are no longer available to owners that did not opt-in; however, if the engine model year schedules require more than 25 percent of the fleet to be replaced in any year you may be able to limit the number of 2010 engine upgrades. Information about these options are available at:  
<http://www.arb.ca.gov/msprog/onrdiesel/documents.php>.

**Can I repower my old hay squeeze to meet the regulation requirement?**

Yes, if you can fit a complete 2010 model year or newer engine in your vehicle, you do not need to replace the vehicle. However, newer engines may not fit.

**I operate in a NOx Exempt area, can I install a PM filter to meet the regulation requirement?**

Yes, any vehicle (light or heavy) that is equipped with a PM filter can be exempt from replacement as long it is designated NOx Exempt. For example, if your engine must be replaced by January 1, 2017, you have until January 31, 2017 to designate your vehicle as NOx Exempt and to report that your vehicle was equipped with a PM filter by January 1, 2017. You must report your fleet information by January 31 each compliance year to claim the exemption. Information about the NOx Exempt option is available at:  
<http://www.arb.ca.gov/msprog/onrdiesel/documents/faqnoxexempt.pdf>

**Where can I get more information?**

Fact sheets, compliance tools and regulatory documents about the Truck and Bus Regulation are available at [www.arb.ca.gov/dieseltruck](http://www.arb.ca.gov/dieseltruck). If you have questions or wish to obtain this document in an alternative format or language, please call ARB's diesel hotline at (866) 6DIESEL (634-3735). TTY/TDD/ Speech to Speech users may dial 711 for the California Relay Service.